

Upper San Joaquin River Basin Storage Investigation: Proposed Preliminary Screening of Surface Storage Options															
		Descriptive Information					Initial Screening Criteria								
Site	Option	Water Sources		Additional Storage Capacity		Hydroelectric Energy Production Opportunity	Design & Construction Considerations		Operational Considerations	Expected Environmental Impact					Retain/ Drop
		Primary	Secondary	x1000 ac-ft (TAF)	Relative Size		Existing Dam Safety	Seismic and Geology	Quality of Developed Water	Botany	Wildlife	Aquatic Biology, Water Quality	Recreation	Land Use	
<b>Merced River Watershed</b>															
Montgomery Reservoir	101 ft dam (new dam)	Merced River via North Side Canal	Dry Creek	241	●	No									Drop
<b>San Joaquin River Watershed</b>															
Friant Dam	25 ft raise	San Joaquin River	None	132	●	Possible									Retain
	60 ft raise	San Joaquin River	None	340	●	Possible									
	140 ft raise	San Joaquin River	None	870	●	Possible									
Fine Gold Creek	380 ft dam (new dam)	San Joaquin River (pumped storage)	Fine Gold Creek	132	●	Yes									Retain
	580 ft dam (new dam)	San Joaquin River (pumped storage)	Fine Gold Creek	780	●	Yes									
Temperance Flat (RM279)	440 ft dam (new dam)	San Joaquin River	None	451	●	Yes									Retain
	640 ft dam (new dam)	San Joaquin River	None	1273	●	Yes									
Kerckhoff (RM286)	180 ft dam (new dam)	San Joaquin River	None	14	●	Yes									Retain
	680 ft dam (new dam)	San Joaquin River	None	1986	●	Yes									
Mammoth Pool	add gates to spillway	San Joaquin River	None	35	●	Yes									Retain
<b>"Big" Dry Creek Watershed</b>															
"Big" Dry Creek	medium - long term storage	San Joaquin River via Friant-Kern Canal	Dry Creek	30	●	No									Drop
<b>Kings River Watershed</b>															
Pine Flat Dam	12 ft raise	Kings River	None	124	●	Possible									Retain
Mill Creek	250 ft dam (new dam)	Kings River via diversion from Pine Flat Reservoir	Mill Creek	200	●	Possible									Retain
	400 ft dam (new dam)	Kings River	None	295	●	Yes									Drop
Rodgers Crossing	660 ft dam (new dam)	Kings River	None	950	●	Yes									
	340 ft dam (new dam)	Dinkey Creek	None	90	●	Yes									Drop
	395 ft dam (new dam)	Dinkey Creek	None		●	Yes									

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		Primary	Secondary	x1000 ac-ft (TAF)	Relative Size		Existing Dam Safety	Seismic and Geology	Quality of Developed Water	Botany	Wildlife	Aquatic Biology, Water Quality	Recreation	Land Use		
Kaweah River Watershed																
Dry Creek Dam	200 ft dam (new dam)	Kaweah River via diversion from Lake Kaweah	Dry Creek	70	<div><div></div></div>	Possible				<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	Retain	
Yokohl Creek	260 ft dam (new dam)	San Joaquin River via Friant-Kern Canal (pumped storage)	Yokohl Creek	450	<div><div></div></div>	Possible				<div></div>	<div></div>	<div></div>	<div></div>		Retain	
	260 ft dam (new dam)	Kaweah River via diversion from Lake Kaweah (pumped storage)	Yokohl Creek	450	<div><div></div></div>	Possible				<div></div>	<div></div>	<div></div>	<div></div>			
Tule River Watershed																
Hungry Hollow	267 ft dam (new dam)	Tule River diversion from Lake Success (pumped storage)	Deer Creek	800	<div><div></div></div>	Possible		<div></div>		<div></div>	<div></div>		<div></div>	<div></div>	Drop	
	267 ft dam (new dam)	San Joaquin River via Friant-Kern Canal (pumped storage)	Deer Creek	800	<div><div></div></div>	Possible		<div></div>		<div></div>	<div></div>		<div></div>	<div></div>		
	Key															
	Relative Size				Initial Screening Criteria											
	Primary Source Onstream	Primary Source Offstream			Design, Construction, Operational Considerations				Expected Environmental Impact							
	<div><div></div></div>	<div><div></div></div>	< 50,000 AF		<div></div>	Unfavorable conditions			<div></div>	Further effort required to determine expected level of impact						
	<div><div></div></div>	<div><div></div></div>	50,000 - 500,000 AF						<div></div>	Less than significant impacts						
	<div><div></div></div>	<div><div></div></div>	> 500,000 AF						<div></div>	Significant adverse impacts, but mitigatable						
									<div></div>	Significant adverse impacts, ability to mitigate uncertain						
									<div></div>	Impacts probably unmitigatable						